DIGITAL CAMERA		**Digital IXUS 870 IS**
IMAGE SENSOR		
	Type	1/2.3" CCD
	Effective Pixels	Approx.10.0M
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 4 with iSAPS technology
LENS		
	Focal Length	5.0 - 20.0 mm (35mm equivalent: 28 – 112mm)
	Zoom	Optical 4x. Digital approx. 4x (with Digital Tele-Converter approx.1.4x or 2.3x and Safety Zoom (1)) (2). Combined approx. 16x
	Maximum f/number	f/2.8 – f/5.8
	Construction	7 elements in 5 groups (2 aspherical elements including 1 double-sided UA element)
	Image Stabilisation	Yes (shift-type)
FOCUSING		
	Type	TTL
	AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre or Face Select and Track)
	AF Modes	Single, Servo AF(10)
	AF Point Selection	Size (Normal, Small)
	AF Lock	On/Off Selectable
	AF Assist Beam	Yes
	Closest Focusing Distance	2cm (W) from front of lens in macro
EXPOSURE CONTROL		
	Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
	AE Lock	On/Off Selectable
	Exposure Compensation	+/- 2 EV in 1/3 stop increments. i-Contrast for automatic dynamic range correction
	ISO sensitivity (3)	AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
SHUTTER		
	Speed	1/60 - 1/1600 sec (factory default) 15 - 1/1600 sec (total range - varies by shooting mode)
WHITE BALANCE		
	Type	TTL
	Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
LCD MONITOR		
	Monitor	3.0" PureColor LCD II (TFT), approx. 230,000 dots
	Coverage	100%
	Brightness	Adjustable to one of fifteen levels
FLASH		
	Modes	Auto, Manual Flash On / Off
	Slow Sync Speed	Yes
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	Face Detection FE
	Flash Exposure Lock	Yes
	Built-in Flash Range	30cm - 4.2m (W) / 2.0m (T)
	External Flash	Canon High Power Flash HF-DC1
SHOOTING		
	Modes	Auto, P, Movie, Special Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200(5), Digital Macro, Color Accent, Color Swap, Stitch Assist)
	Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color)
	Drive modes	Single, Continuous, Self-Timer, FaceSelf-Timer

	Continuous Shooting	Approx. 1.4 shots/sec.(6) (until memory card becomes full)(7)
RECORDING PIXELS / COMPRESSION		
	Image Size	(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. Resize in playback (M3, S, 320 x 240)
	Compression	Superfine, Fine, Normal
	Movies	640 x 480, 30fps 320 x 240, 30fps
	Movie Length	Up to 4GB or 1 hour (7)
FILE TYPES		
	Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
	Movies	MOV [H.264 + Linear PCM (monaural)]
	Sound Files	WAVE (monaural)
DIRECT PRINT		
	Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
	PictBridge	Yes
OTHER FEATURES		
	Red-Eye Correction	Yes, during shooting and playback
	My Camera / My Menu	Start-up image and camera sounds customisation
	My Category	Image tagging feature
	Sound Memo	Up to 60 sec per image
	Intelligent Orientation Sensor	Yes
	Histogram	Yes
	Playback zoom	Approx. 2x – 10x
	Self Timer	Approx. 2 or 10 sec., Custom or FaceSelf-Timer
	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	A/V output, dedicated connector (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, MMC, MMCplus, HC MMCplus. 32MB memory card supplied
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows XP SP2 / Vista (including SP1) Mac OS X v10.4 - 10.5
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch
POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-5L (battery and charger supplied)
	Battery life	Approx. 310 shots (8) Approx. 420 min. playback
	A/C Power Supply	Optional, AC adapter kit ACK-DC30
ACCESSORIES		
	Case	Soft Leather Case DCC-75, Digital IXUS Metal or Leather Strap
	Waterproof / Weatherproof Case	Waterproof Case (40m) WP-DC26, Waterproof Case Weight WW-DC1
	Flash	High Power Flash HF-DC1
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC30
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity

	Dimensions (WxHxD)	93.8 x 56.8 x 23.6mm
	Weight (body only)	Approx. 155g

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated. Subject to change without notice.

(1) Depending on the image size selected.
(2) Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording.
(3) Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.
(5) Recording pixels fixed at 1600 x 1200.
(6) Under conditions where the flash does not fire.
(7) Depending on memory card speed / capacity.
(8) Using the batteries and memory card format supplied with the camera, except where indicated.
(10) Some settings limit availability